

# MISSOURI STEM OCCUPATIONS TOP OPENINGS

## 2018-2028

Missouri's Science, Technology, Engineering, and Math (STEM) occupations are projected to have almost 15,800 total openings each year between 2018 and 2028. Total openings comprise growth openings, exit openings, and transfer openings. Growth openings are the result of an occupation growing between the base year and the projected year. Exit openings occur when a worker leaves the workforce entirely, such as retirement. Transfer openings occur when a worker leaves the occupation for a different one.

STEM occupations are generally higher paying than the Missouri average, and most require a bachelor's degree or higher. All but two of the top 20 STEM occupations have Career Grades that are a B or higher, which means these occupations have above average growth, total openings, or wages.

### TOP JOB POSTINGS

| Occupations  | Career Grade | 2018 Estimated Employment | 2028 Projected Employment | Annual Exit Openings | Annual Transfer Openings | Annual Growth Openings | Annual Total Openings | Average Annual Wage |
|--|--------------|---------------------------|---------------------------|----------------------|--------------------------|------------------------|-----------------------|---------------------|
| Software Developers, Applications                        | A+           | 16,011                    | 20,320                    | 252                  | 1,027                    | 431                    | 1,710                 | \$93,880            |
| Computer User Support Specialists                        | B+           | 13,712                    | 15,336                    | 267                  | 924                      | 162                    | 1,353                 | \$47,600            |
| Computer Systems Analysts                                | A+           | 13,300                    | 15,062                    | 270                  | 754                      | 176                    | 1,200                 | \$83,720            |
| Computer Occupations, All Other                          | A            | 7,447                     | 8,305                     | 126                  | 445                      | 86                     | 657                   | \$82,610            |
| Sales Representatives, Technical and Scientific Products | A            | 5,576                     | 6,028                     | 176                  | 432                      | 45                     | 653                   | \$84,150            |
| Network and Computer Systems Administrators              | B+           | 7,821                     | 8,240                     | 135                  | 426                      | 42                     | 603                   | \$82,160            |
| Software Developers, Systems Software                    | A            | 6,846                     | 7,700                     | 101                  | 411                      | 85                     | 597                   | \$94,140            |
| Computer and Information Systems Managers                | A            | 5,671                     | 6,348                     | 103                  | 366                      | 68                     | 537                   | \$130,610           |
| Computer Network Support Specialists                     | B            | 5,935                     | 6,134                     | 111                  | 384                      | 20                     | 515                   | \$55,910            |
| Industrial Engineers                                     | A            | 5,758                     | 6,396                     | 123                  | 292                      | 64                     | 479                   | \$87,620            |
| Civil Engineers  | B+           | 5,578                     | 5,870                     | 117                  | 329                      | 29                     | 475                   | \$86,710            |
| Web Developers   | B+           | 4,021                     | 4,668                     | 74                   | 256                      | 65                     | 395                   | \$65,090            |
| Computer Programmers                                     | C+           | 6,013                     | 5,613                     | 93                   | 314                      | -40                    | 367                   | \$76,530            |
| Information Security Analysts                            | A            | 2,892                     | 3,977                     | 49                   | 195                      | 108                    | 352                   | \$91,210            |
| Electrical Engineers                                     | A            | 3,772                     | 4,037                     | 79                   | 179                      | 26                     | 284                   | \$97,750            |
| Mechanical Engineers                                     | B+           | 3,150                     | 3,311                     | 60                   | 158                      | 16                     | 234                   | \$85,450            |
| Architectural and Civil Drafters                         | C+           | 2,209                     | 2,240                     | 74                   | 155                      | 3                      | 232                   | \$55,000            |
| Database Administrators                                  | B+           | 2,832                     | 3,042                     | 57                   | 152                      | 21                     | 230                   | \$86,660            |
| Computer Network Architects                              | B+           | 2,976                     | 3,071                     | 40                   | 170                      | 10                     | 220                   | \$99,880            |
| Life, Physical, and Social Science Technicians           | B            | 1,679                     | 1,795                     | 47                   | 159                      | 12                     | 218                   | \$49,590            |



Sources: Bureau of Labor Statistics (BLS) and the Division of Occupational Employment Statistics (OES). Occupational projections developed by the Missouri Economic Research and Information Center (MERIC).

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